PTO/SB/08A (10-01)
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known	
Application Number	09/995,475
Filing Date	November 28, 2001
First Named Inventor	Lewis B. Schwartz et al.
Art Unit	
Examiner Name	A. Salimi
Attorney Docket Number	27373/37922

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number Number-Kind Code[2] *(if known)*	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
~~AJ~~	~~A1~~	~~5,328,688~~	~~07/12/1994~~	~~Roizman~~	

Duplicate AJ

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Foreign Patent Document Country Code[3]-Number[4]-Kind Code[5] *(if known)*	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T[6]

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
AJ	C1	Coffin, *et al.* "Gene Delivery to the Heart *In Vivo* and to Cardiac Myocytes and Vascular Smooth Muscle Cells *In Vitro* Using Herpes Virus Vectors," *Gene Therapy* 3:560-566 (1996).	
AJ	C2	Mesri, *et al.*, "Expression of Vascular Endothelial Growth Factor From a Defective Herpes Simplex Virus Type 1 Amplicon Vector Induces Angiogenesis in Mice," *Circulation Research* 76:161-167 (1995).	
AJ	C3	Robbins *et al.*, "Viral Vectors for Gene Therapy," *Pharmacol. Ther. 80 (1)*:35-47 (1998).	
AJ	C4	Yeh, *et al.*, "Advances in Adenoviral Vectors: From Genetic Engineering to Their Biology," *FASEB Journal 11(8)*:615-623 (1997).	
AJ	C5	International Search Report, PCT/US01/44279, November 26, 2002.	

Examiner Signature	AJ	Date Considered	2/13/03

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[1] Applicant's unique citation designation number (optional). [2] See attached Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. [3] Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). [4] For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. [5] Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. [6] Applicant is to place a check mark here if English language Translation is attached.

Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. 27373/37922	Serial No. 09/995,475
		Applicant Schwartz et al.	
		Filing Date 28 NOV 2001	Group TBA

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U.S. PATENT DOCUMENTS

*Examiner Initials		Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate
AS	A1	4,859,587	8/22/89	Roizman	435	68	
	A2	5,288,641	2/22/94	Roizman	435	320.1	
	A3	5,328,688	7/12/94	Roizman	424	205.1	
	A4	5,585,096	12/17/96	Martuza et al.	424	93.2	
	A5	5,599,691	2/4/97	Roizman	435	69.1	
	A6	5,641,651	6/24/79	Roizman	435	69.1	
	A7	5,728,379	3/17/98	Martuza et al.	424	93.2	
	A8	5,795,713	8/18/98	Roizman	435	5	
	A9	5,824,318	10/20/98	Mohr et al.	424	229.1	
	A10	5,837,262	11/17/98	Golubev et al.	424	231.1	
	A11	5,846,707	12/8/98	Roizman	435	5	
	A12	5,851,826	12/22/98	Fraefel et al.	435	325	
	A13	5,879,934	3/9/99	DeLuca	435	320.1	
	A13	6,071,692	6/06/00	Roizman	435	5	
	A15	6,106,826	8/22/00	Brandt et al.	424	93.2	
✓	A16	6,120,773	9/19/00	Roizman	424	205.1	

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*Examiner Initials		Document Number	Publication Date	Country	Class	Subclass	Translation Yes	Translation No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)		
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	C2	Alber et al., "Herpesvirus infection accelerates atherosclerosis in the apolipoprotein E-deficient mouse," *Circ*, 102:779-785, 2000.
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	C4	Baumgartner et al., "Constitutive expression of phVEGF165 after intramuscular gene transfer promotes collateral vessel development in patients with critical limb ischemia," *Circ*, 97:1114-1123, 1998.
	C5	Chambers et al., "Comparison of genetically engineered herpes simplex virus for the treatment of brain tumors in SCID mouse model of human glioma," *PNAS*, 92:1411-1415, 1995.
	C6	Chandler et al., "RNA splicing specificity determined by the coordinated action of RNA recognition motifs in SR proteins," *Proc Natl Acad Sci U S A.*, 94(8):3596-3601, 1997.
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	C8	Chou et al., "Mapping of herpes simplex virus-1 neurovirulence to gamma$_1$34.5, a gene nonessential for growth in culture," *Science*, 250:1262-1266, 1990.
	C9	Dollery et al., "Expression of tissue inhibitor of matrix metalloproteinases 1 by use of an adenoviral vector inhibits smooth muscle cell migration and reduces neointima hyperplasia in the rat model of vascular balloon injury," *Circ*, 99:3199-3205, 1999.

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	C11	Hanna et al., "Adenoviral-mediated expression of antisense RNA to basic fibroblast growth factor reduces tangential stress in arterialized vein grafts," *J Vasc Surg*, 31:770-780, 2000.
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	C13	Isner et al., "Arterial gene therapy for therapeutic angiogenesis in patients with peripheral artery disease," *Circ*, 91:2687-2692, 1995.
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	C19	Miyatake et al., "Inhibition of rat vascular smooth muscle cell proliferation in vitro and in vivo by recombinant replication-competent herpes simplex virus," *Stroke*, 30:2431-2438, 1999.
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)		
	C22	Nicolau et al., "Liposomes as carriers for in vivo gene transfer and expression," *Methods Enzymol.*, 149:157-176, 1987.
	C23	Roizman, B., "The function of herpes simplex virus genes: A primer for genetic engineering of novel vectors," *Proc. Natl. Acad. Sci.*, 93:11307-11312 (1996).
	C24	Rosengart et al., "Angiogenesis gene therapy: phase I assessment of direct intramyocardial administration of an adenovirus vector expressing VEGF121 cDNA to individuals with clinically significant severe coronary artery disease," *Circ*, 100:468-474, 1999.
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	C30	Symes et al., "Gene therapy with vascular endothelial growth factor for inoperable coronary artery disease," *Ann Thor Surg*, 68:830-836, 1999.
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✓	C32	Waugh et al., "Thrombomodulin overexpression to limit neointima formation," *Circ*, 102:332-337, 2000.

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